EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"20020000221"	US-PGPUB; USPAT	OR	ON	2007/07/31 07:34
L2	0	("2002/0000221").URPN.	USPAT	OR	ON	2007/07/31 07:36
L3	0	"20020092508"	USPAT	OR	ON	2007/07/31 07:36
L4	3304316	kanekawa et "al."	USPAT	OR	ON	2007/07/31 07:37
L5	106	kanekawa	USPAT	OR	ON	2007/07/31 07:38
L6	1	"20020092508"	US-PGPUB; USPAT	OR	ON	2007/07/31 07:38
L7	4	("2002/0092508").URPN.	USPAT	OR	ON	2007/07/31 07:39
L8	0	"20040025852"	USPAT	OR	ON	2007/07/31 07:39
L9	1	"20040025852"	US-PGPUB; USPAT	OR	ON	2007/07/31 07:40
L10	1	"20050235970"	US-PGPUB; USPAT	OR	ON	2007/07/31 07:40
L11	0	("2005/0235970").URPN.	USPAT	OR	ON	2007/07/31 07:41
L12	0	"20050257781"	USPAT	OR	ON	2007/07/31 07:41
L13	1	"20050257781"	US-PGPUB; USPAT	OR	ON	2007/07/31 07:42
L14	1	"20070039596"	US-PGPUB; USPAT	OR	ON	2007/07/31 07:42
L15	17	"4034204"	US-PGPUB; USPAT	OR	ON	2007/07/31 07:42
L16	35	("1614168" | "1798290" | "1848716" | "1977357" | "1979883" | "2158603" | "2385295" | "2765393" | "3223828" | "3229070").PN. OR ("4034204"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 07:45
L17	7	"5,990,459"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 07:46
L18	11	("4138607" | "4920252" | "5521359" | "5528016" | "5658480").PN. OR ("5990459"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 07:47
L19	7	"5990459"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 07:47
L20	5	"6392207"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 07:48

EAST Search History

L21	3	"6964269"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 08:18
L22	446822	capacitor	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 08:18
L23	5566	capacitor AND air AND intake	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 08:18
L24	4933	capacitor AND air AND intake AND circuit	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 08:18
L25	2535	capacitor AND air AND intake AND circuit AND heat	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 08:18
L26	13	("3645509" | "3740040" | "4081499" | "4244333" | "4311653" | "4344898").PN. OR ("4393012"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/31 08:49
L27	9	"6073615"	US-PGPUB; USPAT	OR	ON	2007/07/31 11:10
L28	9	"6040557"	US-PGPUB; USPAT	OR	ON	2007/07/31 11:10
L29	8	"6031204"	US-PGPUB; USPAT	OR	ON	2007/07/31 11:17
L30	11	(("6651632") or ("4971576") or ("5595164") or ("5743242") or ("5887575") or ("5988146") or ("6119665") or ("5992399") or ("6031204") or ("6040557") or ("6073615")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/31 11:37
L31	6	(("6651632") or ("5988146") or ("6119665") or ("5992399") or ("6073615") or ("D529896")).PN.	US-PGPUB; USPAT	OR	OFF	2007/07/31 11:39
L32	0	"11357795"	US-PGPUB; USPAT	OR	ON	2007/07/31 12:07
L33	3	2002/0078935	US-PGPUB; USPAT	OR	ON	2007/07/31 12:09

L34	0	(("US-1,584,245") or ("US-4,034, 204") or ("US-4,391,132A") or ("US-4,506,505") or ("US-4,558, 681") or ("US-4,667,645A") or ("US-4,944,260A") or ("US-5,094, 198A") or ("US-5,334,818") or ("US-5,373,825") or ("US-5,426, 936") or ("US-5,497,619") or ("US-5,716,586") or ("US-5,743, 242") or ("US-5,887,575") or ("US-5,988,146") or ("US-5,990, 459") or ("US-5,992,399") or ("US-6,031,204") or ("US-6,040, 557") or ("US-6,040,557A") or ("US-6,073,615") or ("US-6,073, 615A") or ("US-6,119,665") or ("US-6,152,117") or ("US-6,152, 117A") or ("US-6,242,712") or ("US-6,242,712B1") or ("US-6,392, 207") or ("US-6,415,774B1") or ("US-6,474,060") or ("US-6,474, 319") or ("US-6,530,366") or ("US-6,625,978") or ("US-6,647, 970") or ("US-6,651,632") or ("US-6,742,335") or ("US-6,826, 903") or ("US-6,851,414") or ("US-6,904,898") or ("US-6,964, 269") or ("US-7,044,115")).PN. or ((US-2002/0000221) or (US-2002/0078935) or (US-2002/0092508) or (US-2002/0096155A1) or (US-2004/0025652) or (US-2004/0128985) or (US-2005/0109015) or (US-2005/0235970) or (US-2005/0257761) or (US-2007/0039596)).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/31 12:09

EAST Search History

L35	48	("1584245"|"20020000221"|"20020 078935"|"20020092508"|"20020096 155"|"20040025652"|"20040128985 "|"20050109015"|"20050235970"|"2 0050257761"|"20070039596"|"4034 204"|"4391132"|"4506505"|"455868 1"|"4667645"|"4944260"|"5094198" |"5334818"|"5373825"|"5426936"|" 5497619"|"5716586"|"5743242"|"58 87575"|"5988146"|"5990459"|"5992 399"|"6031204"|"6040557"|"604055 7"|"6073615"|"6073615"|"6119665" |"6152117"|"6152117"|"6242712"|" 6242712"|"6392207"|"6415774"|"64 74060"|"6474319"|"6530366"|"6625 978"|"6647970"|"6651632"|"674233 5"|"6826903"|"6851414"|"6904898" |"6964269"|"7044115").PN.	US-PGPUB; USPAT	OR	ON	2007/07/31 12:09
L36	17	"6228467"	US-PGPUB; USPAT	OR	ON	2007/07/31 15:04
L37	22	"5094198"	US-PGPUB; USPAT	OR	ON	2007/07/31 15:25
L38	19	"5454259"	US-PGPUB; USPAT	OR	ON	2007/07/31 15:25
L39	19	"5454259"	US-PGPUB; USPAT	OR	ON	2007/07/31 15:26
L40	13	"5,988,146"	US-PGPUB; USPAT	OR	ON	2007/07/31 15:26
L41	5	"6152117"	US-PGPUB; USPAT	OR	ON	2007/07/31 15:27
L42	9	"4512322"	US-PGPUB; USPAT	OR	ON	2007/07/31 15:27
L43	5	"4682437"	US-PGPUB; USPAT	OR	ON	2007/07/31 15:27
L44	20	"4685437"	US-PGPUB; USPAT	OR	ON	2007/07/31 15:28
S1	1654	(air AND intake AND heater).clm, ab.	US-PGPUB; USPAT	OR	ON	2007/06/22 10:40
S2	638	(air AND intake AND heater AND engine).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/19 07:33
S3	9	(air AND intake AND heater AND engine AND capacitor).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/20 15:40
S4	386	(air AND intake AND heater AND engine NOT (method OR process)). clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/19 07:35
S5	125	(air ADJ intake AND heater AND engine NOT (method OR process)). clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/19 07:35

EAST Search History

S6	436	(air AND intake AND heater AND engine AND capacitor)	US-PGPUB; USPAT	OR	ON	2007/06/21 11:12
S7	68	(air AND intake AND heater AND engine AND capacitor AND quick)	US-PGPUB; USPAT	OR	ON	2007/06/20 15:47
S8	161	(air AND intake AND heater AND engine AND capacitor AND (quick OR fast))	US-PGPUB; USPAT	OR	ON	2007/06/20 15:47
S9	82674	"219".clas.	US-PGPUB; USPAT	OR	ON	2007/06/21 11:12
S10	222	(air AND intake AND heater AND engine) AND "219".clas.	US-PGPUB; USPAT	OR	ON	2007/06/21 11:13
S11	1	("3300619").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 11:36
S12	1	("3915137").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 12:28
S13	1	("3525853").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 11:36
S14	0	("capacitorANDheater").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/21 12:29
S15	17868	capacitor AND heater	US-PGPUB; USPAT	OR	ON	2007/06/21 12:29
S16	16426	capacitor AND heater AND electric$	US-PGPUB; USPAT	OR	ON	2007/06/21 12:29
S17	7165	capacitor AND heater AND electric$ AND charge	US-PGPUB; USPAT	OR	ON	2007/06/21 12:30
S18	8434	capacitor AND heater AND electric$ AND charge$	US-PGPUB; USPAT	OR	ON	2007/06/21 12:30
S19	1350	capacitor AND heater AND electric$ AND charge$ AND vehicle	US-PGPUB; USPAT	OR	ON	2007/06/21 12:30
S20	14	(capacitor AND heater AND electric$ AND charge$ AND vehicle).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/06/21 12:30
S21	103	(capacitor AND battery AND heater).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/22 11:39
S22	0	"10282821".ap.	US-PGPUB; USPAT; JPO	OR	ON	2007/06/22 10:50
S23	0	"10282821".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 10:50

S24	1	"jp10282821".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 10:51
S25	0	"10282821".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 10:51
S26	3	"10282821"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/22 10:51
S27	0	(air AND itake AND heater).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/22 11:39
S28	1655	(air AND intake AND heater).clm, ab.	US-PGPUB; USPAT	OR	ON	2007/06/22 11:44
S29	558	(serpentine AND heater).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/22 11:47
S30	1	"5988146".pn.	US-PGPUB; USPAT	OR	ON	2007/06/22 12:46
S31	1	"4267812".pn.	US-PGPUB; USPAT	OR	ON	2007/06/22 12:48
S32	1	"4170203".pn.	US-PGPUB; USPAT	OR	ON	2007/06/22 12:49
S33	1	"5116231".pn.	US-PGPUB; USPAT	OR	ON	2007/06/22 12:49
S34	1	("6152117").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/25 07:54
S35	1	("20020096155").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/25 07:56
S36	1	("5,988,146").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/25 07:58
S37	1	("5,992,399").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/25 08:00
S38	1	("6,073,615").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/25 08:00
S39	1	("6,040,557").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/25 08:06

S40	0	(60/263918).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/25 08:06
S41	0	"60263918".ap.	US-PGPUB; USPAT	OR	ON	2007/06/25 08:07
S43	59	pivot$ AND heater AND turbule$ AND "219".clas.	US-PGPUB; USPAT	OR	ON	2007/06/25 16:05
S44	30	pivot$ AND heater AND turbule$ AND "392".clas.	US-PGPUB; USPAT	OR	ON	2007/06/25 16:06
S45	6652	pivoting AND heater	US-PGPUB; USPAT	OR	ON	2007/06/25 16:06
S46	467	(pivoting AND heater).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/06/25 16:07
S47	177	(pivoting AND heater AND air).ab, clm.	US-PGPUB; USPAT	OR	ON	2007/06/25 16:08
S48	122	(pivot$ AND heater AND air AND intake).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/06/25 16:09
S49	8855	(rotat$ AND heater).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:04
S50	51	(rotat$ AND heater AND serpentine).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:06
S51	25	(pivot$ AND heater AND serpentine).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:07
S52	1659	(intake AND heater AND air).clm, ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:28
S53	628	(intake AND heater AND air AND valve).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:28
S54	1369	(intake AND heating AND valve AND air).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:30
S55	5	(intake AND "heating valve" AND air).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:37
S56	18980	(intake AND (heating valve) AND air).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:37
S57	0	(intake AND "heated valve" AND air).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:38
S58	0	(intake AND "heated valve").clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:38
S59	11	(intake AND "heating valve").clm, ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:38
S60	1173	(intake AND heated AND valve). clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:39
S61	954	(air AND intake AND heated AND valve).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:40
S62	18473	(heat).clm,ab. AND "219".clas.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:41

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S63	2179	(heated AND air).clm,ab. AND "219".clas.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:42
S64	11792	(heated AND air parallel).clm,ab. AND "219".clas.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:42
S65	459	(heated AND air AND parallel).clm, ab. AND "219".clas.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:45
S66	882	(heating AND valve).clm,ab. AND "219".clas.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:46
S67	480	(heating AND vent).clm,ab. AND "219".clas.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:48
S68	56	(heating AND tilt).clm,ab. AND "219".clas.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:50
S69	606	(heating AND tilt).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:52
S70	27	(heating AND tilt AND gate).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:53
S71	1659	(air AND intake AND heater).clm, ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:53
S72	2079	(intake AND heater).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:55
S73	8883	(air AND flow AND heater).clm,ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 09:55
S74	2323	(air AND flow AND heater).clm,ab. NOT (method or process)	US-PGPUB; USPAT	OR	ON	2007/06/28 09:59
S75	1	("6029636").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 10:00
S76	1	("4369736").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 10:02
S77	1	("5988146").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 10:04
S78	162372	hair dryer	US-PGPUB; USPAT	OR	ON	2007/06/28 10:04
S79	696	"hair dryer".ab,clm.	US-PGPUB; USPAT	OR	ON	2007/06/28 10:07
S80	1	("6428627").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 10:09
S81	1	("5396574").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 10:09
S82	1	("5263793").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 10:15
S83	1	("20060082433").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 10:16
S84	1	("6882797").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 10:16

S85	380	"planar heater"	US-PGPUB; USPAT	OR	ON	2007/06/28 10:21
S86	1562	"turbulent air flow"	US-PGPUB; USPAT	OR	ON	2007/06/28 10:23
S87	250	"turbulent air flow" AND heater	US-PGPUB; USPAT	OR	ON	2007/06/28 10:28
S88	44	"heating valve".ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 10:30
S89	3255	(electric AND heater).ab.	US-PGPUB; USPAT	OR	ON	2007/06/28 10:32
S90	1806	(electric AND heater).ab. AND air	US-PGPUB; USPAT	OR	ON	2007/06/28 10:44
S91	1	("4671245").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 10:45
S92	1	("5209211").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 10:46
S93	1	("5462080").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 10:47
S94	1	("4667643").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 10:47
S95	0	"heated AND throttle AND valve". ab,clm.	US-PGPUB; USPAT	OR	ON	2007/06/28 10:48
S96	0	"heating AND throttle AND valve". ab,clm.	US-PGPUB; USPAT	OR	ON	2007/06/28 10:48
S97	506	(heated AND throttle AND valve). ab,clm.	US-PGPUB; USPAT	OR	ON	2007/06/28 10:52
S98	0	(serpentine AND heater AND throttle AND valve).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/06/28 10:53
S99	128	(serpentine AND heater AND throttle AND valve)	US-PGPUB; USPAT	OR	ON	2007/06/28 11:12
S100	1	("6003490").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 11:14
S101	1	("5415202").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 11:15
S102	1	("6360719").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 11:17
S103	1	("6293306").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 11:18
S104	20210	(throttle AND valve AND design)	US-PGPUB; USPAT	OR	ON	2007/06/28 11:20
S105	1	("4840146").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 11:21
S106	1	("6003502").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 11:22

S107	1	("5672818").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 11:23
S108	0	("2004159818").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/28 11:23
S109	0	"2004159818".an.	US-PGPUB; USPAT	OR	ON	2007/06/28 11:24
S110	0	"2004159818".ap.	US-PGPUB; USPAT	OR	ON	2007/06/28 11:24
S111	0	"2004159818".pn.	US-PGPUB; USPAT	OR	ON	2007/06/28 11:24
S112	0	"2004/159818".pn.	US-PGPUB; USPAT	OR	ON	2007/06/28 11:26
S113	1	"3814389".pn.	US-PGPUB; USPAT	OR	ON	2007/06/28 11:26
S114	1	"6263917".pn.	US-PGPUB; USPAT	OR	ON	2007/06/28 11:28
S115	14	"throttle valve".clm. AND serpentine	US-PGPUB; USPAT	OR	ON	2007/06/28 11:29
S116	1	("6184499").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/02 16:25
S117	1	("5793023").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/02 16:25
S118	0	(2004/0040957).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/07/02 16:26
S119	1	("20040040957").PN.	US-PGPUB; USPAT	OR	OFF	2007/07/02 16:26
S120	10	("3300619").URPN.	USPAT	OR	ON	2007/07/09 08:47
S121	90	method AND "219/205".ccls.	USPAT	OR	ON	2007/07/09 08:47
S122	29	("2320528" | "2648757" | "3264450" | "3300619" | "3440398" | "3525853" | "3752348" | "3868559" | "3915137").PN. OR ("4188527").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 08:50
S123	10993	air AND intake AND method AND diesel	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 08:50
S124	577	(air AND intake AND method AND diesel).ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 08:51

S12 5	36	("3423569" | "4089214" | "4186560" | "4207848" | "4367700" | "4399774" | "4458639" | "4466393" | "4506145" | "4516543" | "4545357" | "4625910" | "4635594" | "4658772" | "4669430" | "4681070" | "4723527" | "4934349" | "4944260").PN. OR ("5094198").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 09:09
S12 6	0	("2002/0096155").URPN.	USPAT	OR	ON	2007/07/09 12:54
S12 7	51	("0909898" | "1068322" | "1136845" | "1369551" | "1456018" | "1724481" | "1931379" | "1931837" | "2115634" | "2177840" | "2668900" | "3088447" | "3492457" | "3625190" | "3892215" | "3912903" | "4020812" | "4106454" | "4108125" | "4363958" | "4395994" | "4463721" | "4501255" | "4651702" | "4667645" | "4685437" | "4870249" | "4944260" | "5595164" | "5666804" | "5743242").PN. OR ("5992399"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 13:20
S12 8	7725	plastic AND manifold AND heater	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 13:20
S12 9	6482	plastic AND manifold AND heater AND air	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 13:20
S13 0	62	(plastic AND manifold AND heater AND air).ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 13:23
S13 1	12	(plastic AND manifold AND heater AND engine).ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 13:25
S13 2	783	123/3.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 13:25
S13 3	69	123/3.ccls. AND plastic	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/09 13:26
S13 4	199	123/548.ccls.	US-PGPUB; USPAT	OR	ON	2007/07/09 13:26
S13 5	9	"4512322"	US-PGPUB; USPAT	OR	ON	2007/07/11 09:20
S13 6	122	123/549 AND plastic	US-PGPUB; USPAT	OR	ON	2007/07/11 09:23

S13 7	61	123/549 AND plastic AND manifold	US-PGPUB; USPAT	OR	ON	2007/07/11 09:23
S13 8	0	(123/549 AND plastic AND manifold).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/11 09:23
S13 9	4	123/549.ccls. AND (plastic AND manifold).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/11 09:25
S14 0	0	123/550.ccls. AND (plastic AND manifold).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/11 09:25
S14 1	0	123/169PB.ccls. AND (plastic AND manifold).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/11 09:26
S14 2	0	123/142.5R.ccls. AND (plastic AND manifold).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/11 09:26
S14 3	0	(123/142.5R).ccls. AND (plastic AND manifold).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/11 09:26
S14 4	0	(123/142.5).ccls. AND (plastic AND manifold).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/11 09:26
S14 5	0	(123/142.5E).ccls. AND (plastic AND manifold).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/11 09:27
S14 6	25	(123/184.21).ccls. AND (plastic AND manifold).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/11 09:30
S14 7	0	(123/142.5).ccls. AND (plastic AND manifold).ab,clm.	US-PGPUB; USPAT	OR	ON	2007/07/11 09:30
S14 8	740	(123/142.5R).ccls.	US-PGPUB; USPAT	OR	ON	2007/07/11 09:30
S14 9	51	("0909898" | "1068322" | "1136845" | "1369551" | "1456018" | "1724481" | "1931379" | "1931837" | "2115634" | "2177840" | "2668900" | "3088447" | "3492457" | "3625190" | "3892215" | "3912903" | "4020812" | "4106454" | "4108125" | "4363958" | "4395994" | "4463721" | "4501255" | "4651702" | "4667645" | "4685437" | "4870249" | "4944260" | "5595164" | "5666804" | "5743242").PN. OR ("5992399"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:07
S15 0	7743	heater ANd manifolds AND plastic	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:07
S15 1	171	(heater ANd manifold AND plastic).ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:10
S15 2	586	(heater ANd manifold).ab,clm. AND plastic	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:10

EAST Search History

S15 3	49	(heater ANd manifold AND engine). ab,clm. AND plastic	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:13
S15 4	12	(heater ANd plastic AND manifold AND engine).ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:21
S15 5	304	(plastic AND manifold AND intake). ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:21
S15 6	201	(plastic AND manifold AND intake AND air).ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:22
S15 7	23	(plastic AND manifold AND intake AND air).ab,clm. AND heater	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:23
S15 8	487	(manifold AND intake AND air).ab, clm. AND (material near5 plastic)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:24
S15 9	346	(manifold AND intake AND air AND engine).ab,clm. AND (material near5 plastic)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:27
S16 0	975	(intake AND air AND engine).ab, clm. AND (material near5 plastic)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:28
S16 1	95	(intake AND air AND engine).ab, clm. AND (material near5 plastic) AND low near4 temper$	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:28
S16 2	95	(intake AND air AND engine).ab, clm. AND (material near5 plastic) AND (low near4 temper$)	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:31
S16 3	468	137/206.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:31
S16 4	0	137/206.ccls. AND plastic AND heater	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:32
S16 5	18	137/206.ccls. AND plastic	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:33
S16 6	6518	air AND heater AND plastic AND induct$	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:34
S16 7	979	air AND heater AND plastic AND induct$ AND engine	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:40

EAST Search History

S16 8	4	"6062206"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:45
S16 9	4	"6644272"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:49
S17 0	851	((low near4 temperature) AND intake).ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:52
S17 1	716	((low near2 temperature) AND intake).ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:52
S17 2	514	((low adj temperature) AND intake).ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:52
S17 3	110	((low adj temperature) AND (air adj intake)).ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 08:58
S17 4	5	"4587941"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 10:49
S17 5	84	heater AND (safety near2 mechanism) AND air AND intake	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 10:52
S17 6	1	("2061258").URPN.	USPAT	OR	ON	2007/07/12 10:51
S17 7	23	heater AND (safety near2 mechanism) AND air AND intake AND engine	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 10:53
S17 8	1184	heater AND (safety) AND air AND intake AND engine	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 10:53
S17 9	25	(heater AND safety).ab,clm. AND air AND intake AND engine	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 10:54
S18 0	5	(heater AND safety).ab,clm. AND (air AND intake AND engine).ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 10:55
S18 1	12	(heater AND $safe$).ab,clm. AND (air AND intake AND engine).ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 11:01
S18 2	18	(heater AND $safe$).ab,clm. AND (air AND intake).ab,clm. AND engine	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 11:03
S18 3	152	123/339.15	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 11:03

EAST Search History

S18 4	5	("5080061").PN. OR ("5870994").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 11:21
S18 5	1088511	fail safe heater	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 11:21
S18 6	81	(fail AND safe AND heater).ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 12:01
S18 7	10951	manifold AND deformation	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 12:01
S18 8	2633	manifold AND deformation AND engine	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 12:01
S18 9	1939	manifold AND deformation AND engine AND air	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 12:03
S19 0	61	(manifold AND deform$ AND engine AND air AND intake).ab,clm.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 12:03
S19 1	59	("0489478" | "1767421" | "1884741" | "2064435" | "2394270" | "2604661" | "2640501" | "2962051" | "3047026" | "3109461" | "3363918" | "3548884" | "3636285" | "3734139" | "3796449" | "3825036" | "3858616" | "3871408" | "3874544" | "3890181" | "3891007" | "3902531" | "3915782" | "4157101" | "4157194" | "4290456" | "4292267" | "4303104" | "4343672" | "4407528" | "4415389" | "4534923" | "4560607" | "4706712" | "4724111" | "4743481" | "4746386" | "4752208" | "4758397" | "4876049" | "4931247" | "5122324" | "5148836" | "5176866" | "5429397" | "5445782").PN. OR ("6251332").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 12:38
S19 2	23	("2991500" | "3291670" | "3496600" | "3917789" | "4197071" | "4510013" | "4752208" | "5013515" | "5057266" | "5089208" | "5198174").PN. OR ("5445782").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/12 12:45
S19 3	22	"5094198"	US-PGPUB; USPAT	OR	ON	2007/07/23 15:17

S19 4	10	"5992399"	US-PGPUB; USPAT	OR	ON	2007/07/23 15:17
S19 5	1964	pivot$ AND heater AND "219".clas.	US-PGPUB; USPAT	OR	ON	2007/07/25 07:21
S19 6	12	("1332000" | "2053668" | "5765592" | "5884899" | "6173939").PN. OR ("6293306"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 07:34
S19 7	11	("1937669" | "2178894" | "2557213" | "3802328").PN. OR ("5765592").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 07:36
S19 8	2	("2178894").URPN.	USPAT	OR	ON	2007/07/25 07:40
S19 9	2	("1937669").URPN.	USPAT	OR	ON	2007/07/25 07:41
S20 0	17	("20030213852" | "20030213853" | "20040007001" | "20040007627" | "3049985" | "3261373" | "3442489" | "4541328" | "4850319" | "4917350" | "5102097" | "5465756" | "5740785" | "5765592").PN. OR ("7089958").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 07:42
S20 1	2	("2178894").URPN.	USPAT	OR	ON	2007/07/25 07:57
S20 2	124	454/319.ccls.	USPAT	OR	ON	2007/07/25 07:58
S20 3	2	454/319.ccls. AND engine	USPAT	OR	ON	2007/07/25 07:59
S20 4	87	shutter AND engine AND intake AND air AND heater	USPAT	OR	ON	2007/07/25 07:59
S20 5	26	("1585091" | "3099423" | "3292864" | "3388878").PN. OR ("4203566").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 08:10
S20 6	31	("1136845" | "2561928" | "3625190" | "3892215" | "4025754" | "4308845" | "4448173" | "5028763" | "5125070" | "5206476" | "5224973" | "5409669" | "5649049" | "5651088" | "5664049" | "5666804" | "5780811" | "5887575" | "5988146" | "5992399").PN. OR ("6242712"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 08:31

S20 7	16	("20040129258" | "20050167411" | "4685437" | "5743242" | "5887575" | "5988146" | "5992399" | "6031204" | "6040557" | "6073615" | "6119665" | "6152117" | "6242712" | "6259060" | "6415774" | "6964269").PN. OR ("7084374"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 08:38
S20 8	234	219/206	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 08:38
S20 9	278	219/206.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 09:09
S21 0	10	"5992399"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 08:58
S21 1	9	"6040557"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 08:58
S21 2	2	219/206.ccls. AND capacitor	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 09:10
S21 3	24	219/206.ccls. AND capacit$	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 09:10
S21 4	4	("4112896" | "4279234" | "6314949").PN. OR ("6415774"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 09:45
S21 5	1050	123/556.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 09:46
S21 6	447	123/556.ccls. AND intake	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 09:46
S21 7	447	123/556.ccls. AND intake AND intake	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 09:55
S21 8	438	123/556.ccls. AND intake AND air	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 09:55
S21 9	417	123/556.ccls. AND intake AND air AND engine	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 09:55
S22 0	11	("1937669" | "2178894" | "2557213" | "3802328").PN. OR ("5765592").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 10:52

S22 1	10	"6242712"	US-PGPUB; USPAT; USOCR	OR	ON	2007/07/25 10:52
S22 2	22	"5094198"	US-PGPUB; USPAT	OR	ON	2007/07/25 16:28